



ResMed

Astral™ series



Astral™ iVAPS Quick Setup Guide

ResMed's intelligent Volume-Assured Pressure Support (iVAPS) mode is now available in the Astral series of life support ventilators. This guide provides step-by-step instructions on how to set up iVAPS mode in your Astral device. A specialized mode that detects changes in breathing throughout the night and adjusts pressure support levels, iVAPS in Astral provides a volume guarantee with each breath. It's compatible with traditional vented masks and standard 6-ft. leak circuits, and offers enhanced leak compensation for persistent mask or oral leaks.

- 1 Choose a single limb leak circuit for iVAPS setup, shown below, PN 27942. In addition, choose a vented mask of the patient's choice, like the AirFit N10.



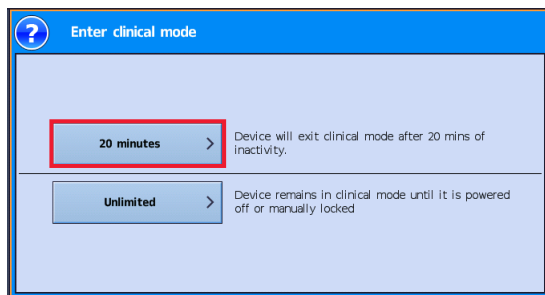
2

Access Clinical Mode:

From the patient home screen, press and hold the lock key for 3 seconds.

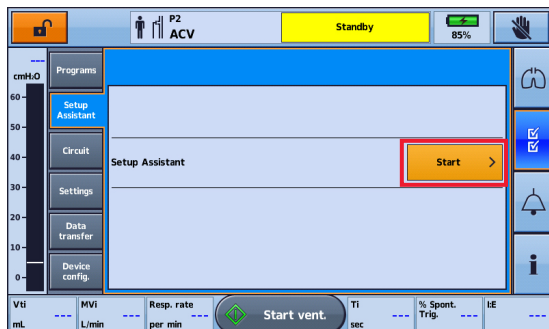


Select 20 minutes or Unlimited. The Main Settings screen is now displayed.



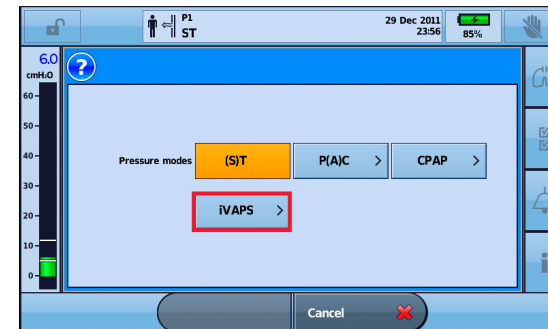
3

Perform the **Setup Assistant**, following all steps according to the LED screen prompts. Be sure to choose the Adult, single limb leak circuit settings. Ensure that there are no masks in place at any time during this process.



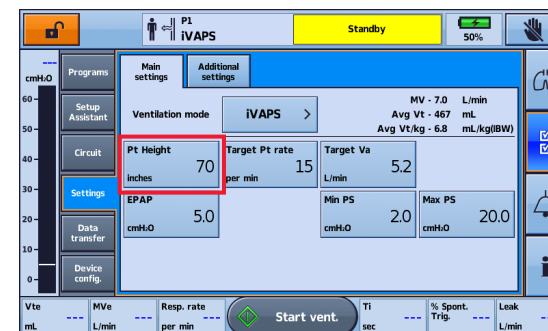
4

From the on-screen selections, press ventilation mode and select iVAPS.



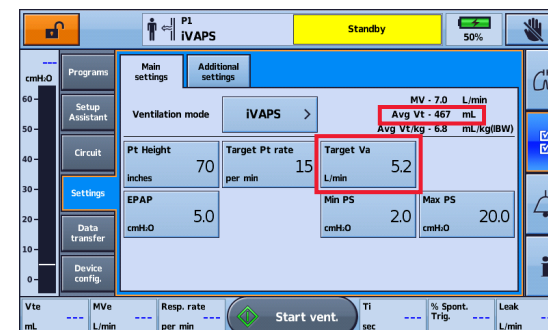
5

Adjust Pt Height to the appropriate patient height.

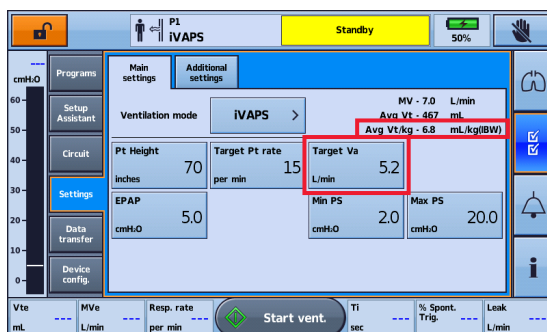


6

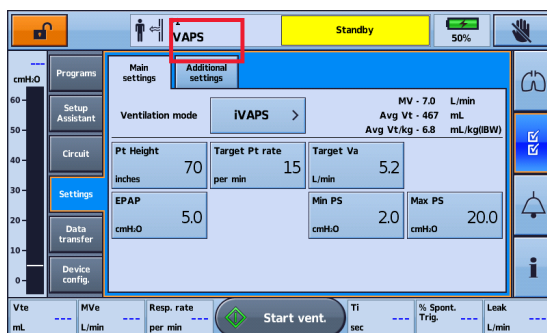
If your prescription includes a tidal volume, adjust your Target Va until you reach your prescribed Avg Vt.



- 7 If your prescription has a prescribed mL/kg, adjust your Target Va until you achieve the correct Avg Vt/kg.



- 8 Below are suggested settings for initiating therapy:
- Target Patient Rate of 15
 - EPAP 5
 - Min PS of 5 cm
 - Max PS of 20 cm
 - Additional settings in the second tab should be adequate at defaults to initiate therapy. They may be adjusted as needed to improve patient comfort.





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